

### **ABSTRACT OF THE DISCLOSURE**

A method for adding storage space to a server without powering down the server is provided. One embodiment provides a method for dynamically linking a storage space to a network server, comprising: adding a new disk drive image to a network server description for the network server through a host server operating system, the new disk drive image corresponding to the storage space to be linked; sending a dynamic linking request from the host server operating system to a network server operating system; in response to the dynamic linking request, sending a device scanning request from the network server operating system to the host operating system; in response to the device scanning request, requesting response from each device connected to each SCSI port of a host server and reporting the new disk drive image to the network server operating system; and presenting the new disk drive image to users connected to the network server.

E:\IBM\2K0331-wm\pto\2k0331PA.doc